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**Amendments to the claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of claims:**

1. (currently amended) A method ~~Method~~ for the uniform output of asynchronously transmitted digital values, ~~comprising: (D) with an output clock (fA, fB) in a receiver (A, B), characterized in that the receiver (A, B) determines the amount of digital values (D) received from the receiver (A, B) in relation to the time and dependent on this sets the output clock (fA, fB) in such a way that the digital value (D) is outputted at the frequency, with which on average the receiver (A, B) receives the digital values (D)~~  
receiving the digital values in a receiver from a transmission path;  
outputting the digital values from the receiver on the basis of an output clock for further processing;  
transmitting the digital values to the transmission path by a transmission device of the receiver;  
determining the amount of the digital values received by the receiver in relation to the time;  
adjusting the output clock on the basis of the determined amount in such a way that the digital values are outputted at a frequency with which on time average the receiver receives the digital values; and  
adjusting a transmission clock of the transmission device to correspond to the output clock of the receiver.

2. (currently amended) The method ~~Method~~ according to claim 1, wherein the  
~~characterized in that digital values (D), which were destined for the receiver (A, B), but have not reached the receiver (A, B) are considered as received digital values when determining the amount of the digital values (D) received from the receiver (A, B) as received digital values (D).~~

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3. (currently amended)      The method Method according to claim 2, wherein ~~characterized in that the~~ information about the amount of ~~digital values (D) received from the~~ receiver (A, B) ~~(D) or of the digital values (D) destined for the receiver (A, B) are interpolated is~~ extracted from the information data packets[[,]] which are produced by ~~a the~~ transmitter transmission device (A, B), which sends sending out the digital values ~~(D)~~ destined for the receiver (A, B).

4. (currently amended)      The method Method according to claim 1, wherein ~~characterized in that the~~ output clock is derived from an output signal of an oscillator ~~(OSC)~~, which ~~supplies, supplying without any adjusting operation,~~ a nominal frequency[[,]] which ~~is~~ could be influenced by means of an adjusting operation.

5. (currently amended)      The method Method according to claim 4, wherein ~~characterized in that the~~ output signal of the oscillator ~~(OSC)~~ is the operating clock for the receiver ~~(A, B)~~.

6. (currently amended)      The method Method according to claim 4, wherein ~~characterized in that the~~ output clock is produced by dividing the output signal of the oscillator ~~(OSC)~~.

7. (canceled)

8. (currently amended)      The method Method according to ~~claim 1-claim 7,~~ wherein ~~characterized in that the~~ digital values ~~(D)~~ are transmitted bi-directionally between a first receiver (A) and a second receiver ~~(B)~~ and both of the receivers ~~(A, B)~~ set adjust their output clock for received digital values ~~(D)~~ dependent on the amount of digital values ~~(D)~~ in relation to the time, which in each case have been sent out by the other receiver ~~(A, B)~~.

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9. (currently amended) The method~~Method~~ according to claim 8, wherein  
~~characterized in that~~ both of the receivers (A, B) set adjust both the output clock for received  
digital values (~~D~~) and the transmission clock for sent digital values (~~D~~).

10. (currently amended) The method~~Method~~ according to claim 1, wherein  
~~characterized in that~~ the digital values (~~D~~) are outputted in analog form.

11. (currently amended) The method~~Method~~ according to claim 1, wherein  
~~characterized in that~~ the digital values (~~D~~) are speech signals, which are transmitted in a system  
for providing a telephone service via a communication network (~~IP-Net~~).

12. (currently amended) The method~~Method~~ according to claim 1, wherein  
~~characterized in that~~ the receiver (A, B) receives the digital values (~~D~~) from a self-clocked data  
decoder or data encoder (~~CODEC~~).

13. (currently amended) A device~~Device~~ for the uniform output of asynchronously  
transmitted digital values, comprising: (~~D~~) with an output clock (fA, fB), ~~characterized in that~~  
the device (VOIP) has a clock generation unit (CGU), which is set up in such a way that it can  
determine the amount of digital values (~~D~~) received from the device (VOIP) in relation to the  
time and dependent on this, can set the output clock (fA, fB) in such a way that the digital values  
(~~D~~) are outputted at the frequency, with which over the average time digital values (~~D~~) are  
received from the device (VOIP)

a receiver to receive the digital values from a transmission path and to output the digital  
values on the basis of an output clock for further processing;

a transmitter to transmit the digital values to the transmission path; and

a clock generation unit to determine the amount of digital values received by the device  
in relation to the time,

wherein the clock generation unit is configured to adjust the output clock dependent on  
the determined amount in such a way that the digital values are outputted at the frequency, with  
which on time average digital values are received by the receiver, and

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wherein a transmission clock of the transmitter corresponds to the output clock of the receiver.

14. (canceled)

15. (new) A bi-directional data transmission system, comprising:

a first receiver, and

a second receiver coupled to the first receiver via a transmission path to receive asynchronously transmitted digital values from the transmission path and to output the digital values on the basis of an output clock for further processing, wherein the first receiver and the second receiver each comprise:

a transmitting device to transmit digital values to the transmission path on the basis of a transmission clock corresponding to the output clock of the receiver; and

a clock generation unit to generate the output clock of the receiver,

wherein for at least one of the first receiver and the second receiver, the clock generation unit is configured to determine an amount of the digital values received by the at least one of the first receiver and the second receiver in relation to time and to adjust the output clock dependent on the determined amount such that the digital values are outputted at a frequency with which on time average the digital values are received by the at least one of the first receiver and the second receiver.